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**IN THE UNITED STATES PATENT AND TRADEMARK OFFICE**

In re Patent Application of: Gerald Meltz, et al.  
Serial No.: 10/754,064  
Filed: January 8, 2004  
Entitled: DISTRIBUTED FLOW PROPERTIES  
WELLBORE MEASUREMENT SYSTEM  
Group Art Unit: 2856  
Examiner: R. Raevis

**RESPONSE TO REQUIREMENT FOR ELECTION OF SPECIES**

Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

Sir:

Responsive to the September 27, 2004 Office Action containing a requirement for election of species in the above-identified patent application, the applicants hereby provisionally elect, with traverse, the following selections from the subgroups as set forth by the examiner in the Office Action:

- Subgroup 1 – the pressure sensor (claims 27, 60);
- Subgroup 2 – open end reflection (claims 4, 74);
- Subgroup 3 – single wellbore (claim 54);
- Subgroup 4 – measuring edge (claims 22, 42);
- Subgroup 5 – positive pressure pulse (claim 81); and
- Subgroup 6 – surface positioning of generator (claim 90).